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FIG. 1A SEQ ID No. 1.

```
1   GAGGTCCAGC TTCAGCAGTC TGGACCTGAC CTGGTGAAGC CTGGGGGCTTC
    E V Q   L Q Q S   G P D   L V K   P G A S

51  AGTGAAGATA TCCTGCAAGG CTTCTGGTTA CTCATTCACT GGCTACTACA
    V K I   S C K   A S G Y   S F T   G Y Y

101 TGCCTGGGT GAAGCAGAGC CATGGAAAGA GCCTTGAGTG GATTGGACGT
    M H W V   K Q S   H G K   S L E W   I G R

151 ATTAATCCTA ACAATGGTGT TACTCTCTAC AACCAGAAAT TCAAGGACAA
    I N P   N N G V   T L Y   N Q K   F K D K

201 GGCCATATTA ACTGTAGACA AGTCATCCAC CACAGCCTAC ATGGAGCTCC
    A I L   T V D   K S S T   T A Y   M E L

251 GCAGCCTGAC ATCTGAGGAC TCTGCGGTCT ATTACTGTGC AAGATCTACT
    R S L T   S E D   S A V   Y Y C A   R S T

301 ATGATTACGA ACTATGTTAT GGACTACTGG GGTCAAGTAA CCTCAGTCAC
    M I T   N Y V M   D Y W   G Q V   T S V T

351 CGTCTCCTCA GGTGGTGGTG GGAGCGGTGG TGGCGGCACT GGCGGCGGCG
    V S S   G G G   G S G G   G G T   G G G

401 GATCTAGTAT TGTGATGACC CAGACTCCCA CATTCTGCT TGTTCAGCA
    G S S I   V M T   Q T P   T F L L   V S A

451 GGAGACAGGG TTACCATAAC CTGCAAGGCC AGTCAGAGTG TGAGTAATGA
    G D R   V T I T   C K A   S Q S   V S N D

501 TGTAGDTTGG TACCAACAGA AGCCAGGGCA GTCTCCTACA CTGCTCATAT
    V A W   Y Q Q   K P G Q   S P T   L L I

551 CCTATACATC CAGTCGCTAC GCTGGAGTCC CTGATCGCTT CATTGGCAGT
    S Y T S   S R Y   A G V   P D R F   I G S

601 GGATATGGGA CGGATTTTAC TTTCACCATC AGCACTTTGC AGGCTGAAGA
    G Y G   T D F T   F T I   S T L   Q A E D

651 CCTGGCAGTT TATTTCTGTC AGCAAGATTA TAATTCTCCT CCGACGTTTCG
    L A V   Y F C   Q Q D Y   N S P   P T F

701 GTGGAGGCAC CAAGCTGGAA ATCAAACGG
    G G G T   K L E   I K R
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FIG. 1B SEQ ID No. 2.

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1      AAGCTTCCAC CATGGGATGG AGCTGTATCA TCCTCTTCTT GGTAGCAACA
      A S T M G W S C I I L F L V A T
51     GCTACAGGTG TCCACTCCGA GGTCCAGCTT CAGCAGTCTG GACCTGACCT
      A T G V H S E V Q L Q Q S G P D L
101    GGTGAAGCCT GGGGCTTCAG TGAAGATATC CTGCAAGGCT TCTGGTACT
      V K P G A S V K I S C K A S G Y
151    CATTCACTGG CTACTACATG CACTGGGTGA AGCAGAGCCA TGGAAAGAGC
      S F T G Y Y M H W V K Q S H G K S
201    CTTGAGTGGA TTGGACGTAT TAATCCTAAC AATGGTGTTA CTCTCTACAA
      L E W I G R I N P N N G V T L Y N
251    CCAGAAATTC AAGGACAAGG CCATATTAAC TGTAGACAAG TCATCCACCA
      Q K F K D K A I L T V D K S S T
301    CAGCCTACAT GGAGCTCCGC AGCCTGACAT CTGAGGACTC TGCGGTCTAT
      T A Y M E L R S L T S E D S A V Y
351    TACTGTGCAA GATCTACTAT GATTACGAAC TATGTTATGG ACTACTGGGG
      Y C A R S T M I T N Y V M D Y W G
401    TCAAGTAACC TCAGTCACCG TCTCCTCAGG TGGTGGTGGG AGCGGTGGTG
      Q V T S V T V S S G G G G S G G
451    GCGGCACTGG CGGCGGCGGA TCTAGTATTG TGATGACCCA GACTCCCACA
      G G T G G G G S S I V M T Q T P T
501    TTCCTGCTTG TTTCAGCAGG AGACAGGGTT ACCATAACCT GCAAGGCCAG
      F L L V S A G D R V T I T C K A S
551    TCAGAGTGTG AGTAATGATG TAGCTTGGTA CCAACAGAAG CCAGGGCAGT
      Q S V S N D V A W Y Q Q K P G Q
601    CTCCTACACT GCTCATATCC TATACATCCA GTCGCTACGC TGGAGTCCCT
      S P T L L I S Y T S S R Y A G V P
651    GATCGTTTCAG GCTGAAGACC TGGCAGTTTA TTTCTGTCAG CAAGATTATA
      D R F I G S G Y G T D F T F T I S
701    CACTTTGCAG GCTGAAGACC TGGCAGTTTA TITCTGTCAG CAAGATTATA
      T L Q A E D L A V Y F C Q Q D Y
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FIG. 1C

751 ATTCTCCTCC GACGTTCCGGT GGAGGCACCA AGCTGGAAAT CAAACGGGGCC
N S P P T F G G G T K L E I K R A

801 TCCACCAAGG GCCCATCGGT CTTCCCCCTG GCACCCTCCT CCAAGAGCAC
S T K G P S V F P L A P S S K S T

851 CTCTGGGGGC ACAGCGGCCC TGGGCTGCCT GGTC AAGGAC TACTTCCCCG
S G G T A A T G C L V K D Y F P

901 AACCGGTGAC GGTGTCGTGG AACTCAGGCG CCCTGACCAG CGGCGTGCAC
E P V T V S W N S G A L T S G V H

951 ACCTTCCCGG CTGTCCTACA GTCCTCAGGA CTCTACTCCC TCAGCAGCGT
T F P A V L Q S S G L Y S L S S V

1001 GGTGACCGTG CCCTCCAGCA GCTTGGGCAC CCAGACCTAC ATCTGCAACG
V T V P S S S L G T Q T Y I C N

1051 TGAATCACAA GCCCAGCAAC ACCAAGGTGG ACAAGAAAGT TGAGCCCAAA
V N H K P S N T K V D K K V E P K

1101 TCTTGTGACA AAAC TCACAC ATGCCCACCG TGCCCAGCAC CTGAACTCCT
S C D K T H T C P P C P A P E L L

1151 GGGGGGACCG TCAGTCTTCC TCTTCCCCCC AAAACCCAAG GACACCCTCA
G G P S V F L F P P K P K D T L

1201 TGATCTCCCG GACCCCTGAG GTCACATGCG TGGTGGTGGA CGTGAGCCAC
M I S R T P E V T C V V V D V S H

1251 GAAGACCCTG AGGTCAAGTT CAACTGGTAC GTGGACGGCG TGGAGGTGCA
E D P E V K F N W Y V D G V E V H

1301 TAATGCCAAG ACAAAGCCGC GGGAGGAGCA GTACAACAGC ACGTACCGTG
N A K T K P R E E Q Y N S T Y R

1351 TGGTCAGCGT CCTCACCGTC CTGCACCAGG ACTGGCTGAA TGGCAAGGAG
V V S V L T V L H Q D W L N G K E

1401 TACAAGTGCA AGGTCTCCAA CAAAGCCCTC CCAGCCCCCA TCGAGAAAAC
Y K C K V S N K A L P A P I E K T

1451 CATCTCCAAA GCCAAAGGGC AGCCCCGAGA ACCACAGGTG TACACCCTGC
I S K A K G Q P R E P Q V Y T L

1501 CCCCATCCCG GGATGAGCTG ACCAAGAACC AGGTCAGCCT GACCTGCCTG
P P S R D E L T K N Q V S L T C L



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Appl. No.: 09/445,375 Atty Docket: DY0023.001APC

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FIG. 1D

1551 GTCAAAGGCT TCTATCCCAG CGACATCGCC GTGGAGTGGG AGAGCAATGG
V K G F Y P S D I A V E W E S N G

1601 GCAGCCGGAG AACAACTACA AGACCACGCC TCCCGTGCTG GACTCCGACG
Q P E N N Y K T T P P V L D S D

1651 GCTCCTTCTT CCTCTACAGC AAGCTCACCG TGGACAAGAG CAGGTGGCAG
G S F F L Y S K L T V D K S R W Q

1701 CAGGGGAACG TCTTCTCATG CTCCGTGATG CATGAGGCTC TGCACAACCA
Q G N V F S C S V M H E A L H N H

1751 CTACACGCAG AAGAGCCTCT CCCTGTCTCC GGGTAAATGA GTGCCACGGC
Y T Q K S L S L S P G K - V R R

1801 CAAGCTT
P S



FIG. 2A SEQ ID No. 3.

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ATGGGCCACA CACGGAGGCA GGGAACATCA CCATCCAAGT GTCCATACCT 50
M G H T R R Q G T S P S K C P Y L

CAATTTCTTT CAGCTCTTGG TGCTGGCTGG TCTTTCTCAC TTCTGTTTCT 100
N F F Q L L V L A G L S H F C S

GTGTTATCCA CGTGACCAAG GAAGTGAAAG AAGTGGCAAC GCTGTCCTGT 150
G V I H V T K E V K E V A T L S C

GGTCACAATG TTTCTGTTGA AGAGCTGGCA CAAACTCGCA TCTACTGGCA 200
G H N V S V E E L A Q T R I Y W Q

AAAGGAGAAG AAAATGGTGC TGAATATGAT GTCTGGGGAC ATGAATATAT 250
K E K K M V L T M M S G D M N I

GGCCCGAGTA CAAGAACCGG ACCATCTTTG ATATCACTAA TAACCTCTCC 300
W P E Y K N R T I F D I T N N L S

ATTGTGATCC TGGCTCTGCG CCCATCTGAC GAGGGCACAT ACGAGTGTGT 350
I V I L A L R P S D E G T Y E C V

TGTTCTGAAG TATGAAAAAG ACGCTTTCAA GCGGGAACAC CTGGCTGAAG 400
V L K Y E K D A F K R E H L A E

TGACGTTATC AGTCAAAGCT GACTTCCCTA CACCTAGTAT ATCTGACTTT 450
V T L S V K A D F P T P S I S D F

GAAATTCCAA CTTCTAATAT TAGAAGGATA ATTTGCTCAA CCTCTGGAGG 500
E I P T S N I R R I I C S T S G G

TTTTCCAGAG CCTCACCTCT CCTGGTTGGA AAATGGAGAA GAATTAAATG 550
F P E P H L S W L E N G E E L N

CCATCAACAC AACAGTTTCC CAAGATCCTG AAATGAGCT CTATGCTGTT 600
A I N T T V S Q D P E T E L Y A V

AGCAGCAAAC TGGATTTCAA TATGACAACC AACCACAGCT TCATGTGTCT 650
S S K L D F N M T T N H S F M C L

CATCAAGTAT GGACATTTAA GAGTGAATCA GACCTTCAAC TGGAATACAA 700
I K Y G H L R V N Q T F N W N T
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FIG. 2B

CCAAGCAAGA	GCATTTTCCT	GATGGAGGCG	GGGGATCCGA	GGTCCAGCTT	750
T K Q E	H F P	D G G	G G S E	V Q L	
CAGCAGTCTG	CACCTGACCT	GGTGAAGCCT	GGGGCTTCAG	TGAAGATATC	800
Q Q S	G P D L	V K P	G A S	V K I S	
CTGCAAGGCT	TCTGGTTACT	CATTCACTGG	CTACTACATG	CACTGGGTGA	850
C K A	S G Y	S F T G	Y Y M	H W V	
AGCAGAGCCA	TGGAAAGAGC	CTTGAGTGGA	TTGGACGTAT	TAATCCTAAC	900
K Q S N	G K S	L E W	I G R I	N P N	
AATGGTGTTA	CTCTCTACAA	CCAGAAATTC	AAGGACAAGG	CCATATTRAC	950
N G V	T L Y N	Q K F	K D K	A I L T	
TGTAGACAAG	TCATCCACCA	CAGCCTACAT	GGAGCTCCGC	AGCCTGACAT	1000
V D K	S S T	T A Y M	E L R	S L T	
CTGAGGACTC	TGCGGTCTAT	TACTGTGCAA	GATCTACTAT	GATTACGAAC	1050
S E D S	A V Y	Y C A	R S T M	I T N	
TATGTTATGG	ACTACTGGGG	TCAAGTAACC	TCAGTCACCG	TCTCCTCAGG	1100
Y V M	D Y W G	Q V T	S V T	V S S G	
TGGTGGTGGG	AGCGGTGGTG	GCGGCACTGG	CGGCGGCGGA	TCTAGTATTG	1150
G G G	S G G	G G T G	G G G	S S I	
TGATGACCCA	GA CTCCCACA	TTCCTGCTTG	TTTCAGCAGG	AGACAGGGTT	1200
V M T Q	T P T	F L L	V S A G	D R V	
ACCATAACCT	GCAAGGCCAG	TCAGAGTGTG	AGTAATGATG	TAGCTTG GTA	1250
T I T	C K A S	Q S V	S N D	V A W Y	
CCAACAGAAG	CCAGGGCAGT	CTCCTACACT	GCTCATATCC	TATACATCCA	1300
Q Q K	P G Q	S P T L	L I S	Y T S	
GTCGCTACGC	TGGAGTCCCT	GATCGCTTCA	TTGGCAGTGG	ATATGGGACG	1350
S R Y A	G V P	D R F	I G S G	Y G T	
GATTTCACTT	TCACCATCAG	CACTTTGCAG	GCTGAAGACC	TGGCAGTTTA	1400
D F T	F T I S	T L Q	A E D	L A V Y	
TTTCTGTCAG	CAAGATTATA	ATTCTCCTCC	GACGTTCCGGT	GGAGGCACCA	1450
F C Q	Q D Y	N S P P	T F G	G G T	
AGCTGGAAAT	CAAATAA				
K L E I	K				



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FIG. 3A

B7-1.5T4.1

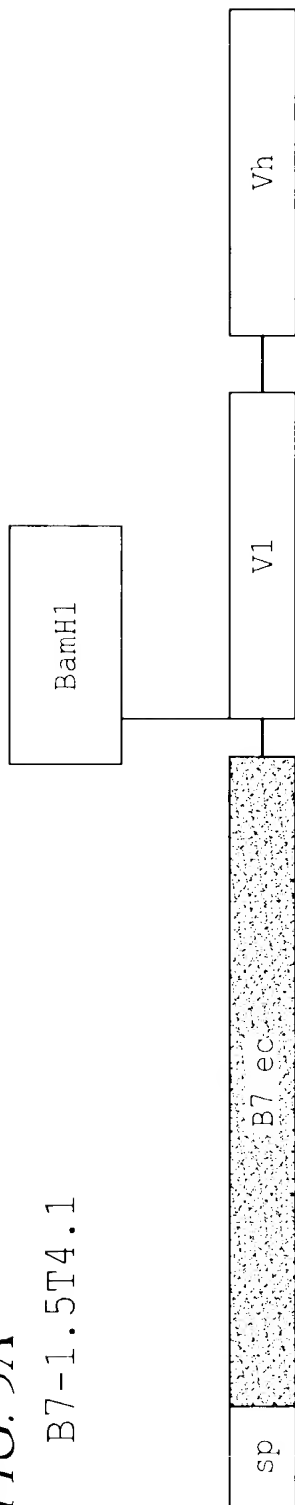
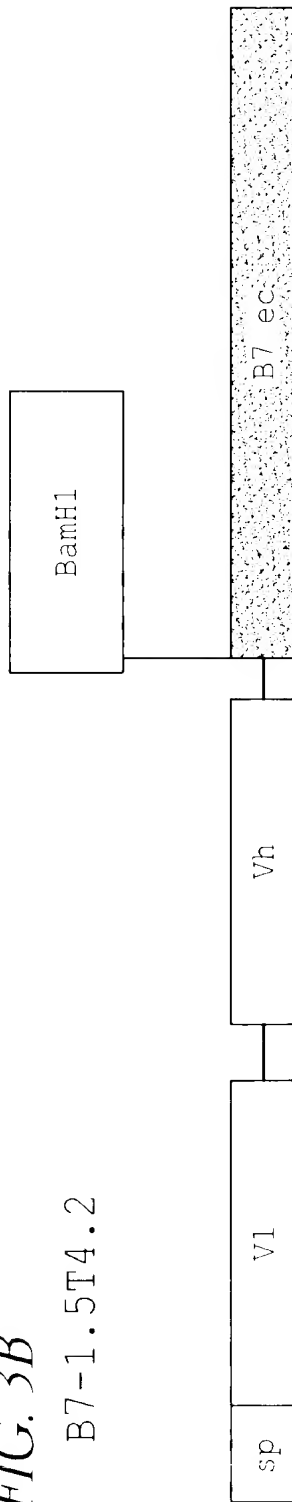


FIG. 3B

B7-1.5T4.2



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Appl. No.: 09/445,575 Atty Docket: DYOU23,001APC

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FIG. 4

SEQ ID No. 4.

Molecule Name-: B7-2 (1-241)
Sequence Printed:1-738 (Full)
Description:

738 bps DNA Linear
Date Printed 02 Jun 1997

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1  ATGGGACTGA GTAACATTCT CTTTGTGATG GCCTTCCTGC TCTCTGGTGC
   M G L S N I L F V M A F L L S G A
51  TGCTCCTCTG AAGATTCAAG CTTATTTCAA TGAGACTGCA GACCTGCCAT
   A P L K I Q A Y F N E T A D L P
101 GCCAATTTGC AAACCTCTCAA AACCAAAGCC TGAGTGAGCT AGTAGTATTT
   C Q F A N S Q N Q S L S E L V V F
151 TGGCAGGACC AGGAAAACCT GGTTCCTGAAT GAGGTATACT TAGGCAAAGA
   W Q D Q E N L V L N E V Y L G K E
201 GAAATTTGAC AGTGTTTCATT CCAAGTATAT GGGCCGCACA AGTTTTGATT
   K F D S V H S K Y M G R T S F D
251 CGGACAGTTG GACCCTGAGA CTTCAACAATC TTCAGATCAA GGACAAGGGC
   S D S W T L R L H N L Q I K D K G
301 TTGTATCAAT GTATCATCCA TCACAAAAAG CCCACAGGAA TGATTTCGCAT
   L Y Q C I I H H K K P T G M I R I
351 CCACCAGATG AATTCTGAAC TGTCAGTGCT TGCTAACTTC AGTCAACCTG
   H Q M N S E L S V L A N F S Q P
401 AAATAGTACC AATTTCTAAT ATAACAGAAA ATGTGTACAT AAATTTGACC
   E I V P I S N I T E N V Y I N L T
451 TGCTCATCIA TACACGGTTA CCCAGAACCT AAGAAGATGA GTGTTTTGCT
   C S S I H G Y P E P K K M S V L L
501 AAGAACCAAG AATTCACATA TCGAGTATGA TGGTATTATG CAGAAATCTC
   R T K N S T I E Y D G I M Q K S
551 AAGATAATGT CACAGAACTG TACGACGTTT CCATCAGCTT GTCTGTTTCA
   Q D N V T E L Y D V S I S L S V S
601 TTCCCTGATG TTACGAGCAA TATGACCATC TTCTGTATTC TGGAAACTGA
   F P D V T S N M T I F C I L E T D
651 CAAGACGCGG CTTTTATCIT CACCTTTCTC TATAGAGCTT GAGGACCCTC
   K T R L L S S P F S I E L E D P
701 AGCCTCCCCC AGACCACATT CCTGGAGGCG GGGGATCC
   Q P P P D H I P G G G G S
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